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“Associated Graphic Displays in a Process Environment” (Atty. Docket No. 06005/41111); “User Configurable Alarms and Alarm Trending for Process Control Systems” (Atty. Docket No. 06005/41112); “Integration of Process Modules and Expert Systems in Process Plants” (Atty. Docket No. 06005/41113); “Scripted Graphics in a Process Environment” (Atty. Docket No. 06005/41115); “Graphics Integration into a Process Configuration and Control Environment” (^{10/591804} ~~Atty. Docket No. 06005/41116~~); “Graphic Element with Multiple Visualizations in a Process Environment” (^{10/590574} ~~Atty. Docket No. 06005/41117~~); “System for Configuring Graphic Display Elements and Process Modules in Process Plants” (^{10/575022} ~~Atty. Docket No. 06005/41118~~); “Graphic Display Configuration Framework for Unified Process Control System Interface” (^{10/575173} ~~Atty. Docket No. 06005/41124~~); “Markup Language-Based, Dynamic Process Graphics in a Process Plant User Interface” (^{10/590550} ~~Atty. Docket No. 06005/41127~~); “Methods and Apparatus for Modifying Process Control Data” (^{PCT/US05/15596} ~~Atty. Docket Nos. 06005/591622 and 20040/59-11622~~); “Methods and Apparatus for Accessing Process Control Data” (^{PCT/US05/15585} ~~Atty. Docket Nos. 06005/591623 and 20040/59-11623~~); “Integrated Graphical Runtime Interface for Process Control Systems” (^{PCT/US05/15439} ~~Atty. Docket Nos. 06005/591628 and 20040/59-11628~~); “Service-Oriented Architecture for Process Control Systems” (^{PCT/US05/15394} ~~Atty. Docket Nos. 06005/591629 and 20040/59-11629~~).

TECHNICAL FIELD

[0002] The present invention relates generally to process plant user interfaces and, more particularly, to an intelligent control and simulation environment that enables user viewing, simulation and control to be integrated at the system level of the process plant control architecture.